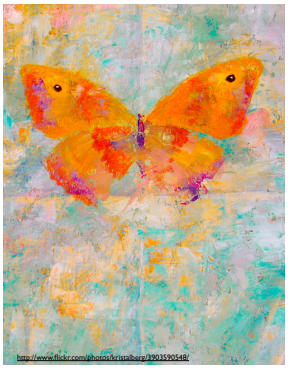


New Tools, New Teachers

How web 2.0 tools transformed a teacher

Reform vs. Transform

- **Reform** usually means changing procedures and programs.
- **Transform** means changing from one form into another.
  - metamorphosis
  - changing beliefs, values, and culture

Leading for Learning: How to Transform Schools into Learning Organizations., Schlechty, Phillip C.

I am a **transformed** teacher... I will never be the "old" me again.

Transformation in Pedagogy

with web 2.0 tools

- Increased collaboration
- Teacher as a guide/facilitator
- Teacher as a member of the learning community
- Increased dialogue between students

Self-Study ~ Melissa Lowrance

Background

- Teach in preservice program @ Trinity Intl' University
- Ages 18-adult
- Educational Technology & Elementary Science Methods classes
- Moodle was available at university
- Working with about 60 students a

"Old" Way of Teaching

- More class time used for lecture and demonstrations
- Dialogue with the same 10% of students
- Teacher directed instruction only
- Feedback on assessment mid & end of semester

"New" Way of Teaching

- Demonstrations and Lectures are recorded and not used for class time.
- More creation and product construction happens in class. Increase in product quality.
- Collaboration among students with class assignments
- More feedback and ongoing assessment-open gradebook
- Student & Teacher guided instruction

New Favorite Tools

moodle

Wikispaces

flickr from Yahoo!

Google Apps

Gmail

Google Calendar

Docs & Spreadsheets

Jing TechSmith

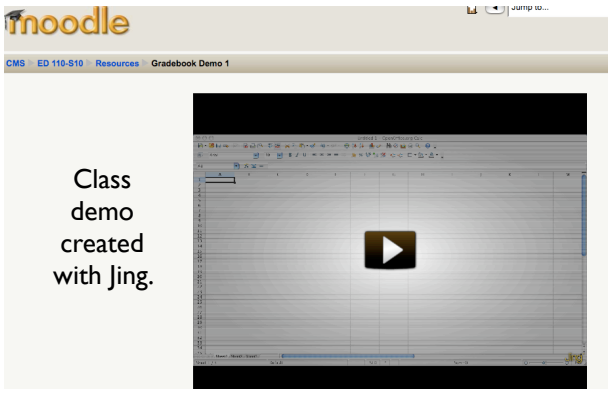
moodle

- Moodle is a Course Management System. It is a **Free** web application that educators can use to create effective *online learning sites*.
- **Store**, **Communicate**, **Evaluate**, Collaborate
- Moodle Presentation

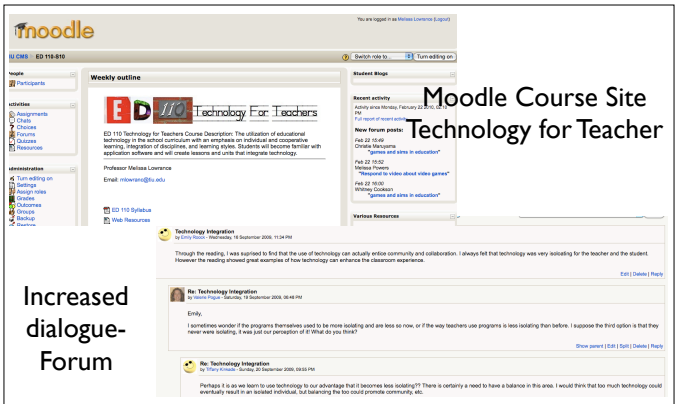
More moodle

Features:

- Store files, links, assignments, graphics, video
- Forums, chatrooms, calendar, IM
- Wikis, blogs, database,
- Quiz, surveys, outcomes, gradebook, portfolio



Class demo created with Jing.



Moodle Course Site
Technology for Teacher

Increased dialogue- Forum

- Add visuals to your online project.
- http://www.jingproject.com/
- Record your lectures or demos.
- Students create tutorials or demos.
- Screen capture

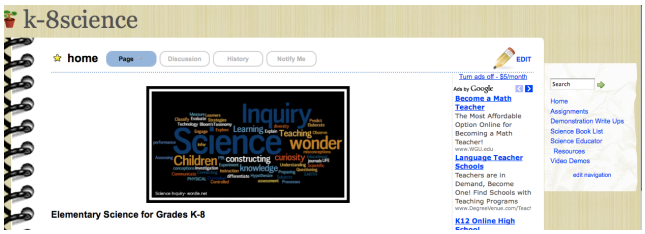
+

Math Class & Teacher Transformed

http://www.techsmith.com/community/education/newsletter/edunews082008.asp#art3

- Wikis are simple web pages that groups, friends, and families can edit together. Starting your wiki at *Wikispaces* is **fast, free, and easy**.
- http://www.wikispaces.com/site/for/teachers
- **Collaboration** with students- ***creates community of Learners***
- A wiki walkthrough for Teachers http://www.teachersfirst.com/content/wiki/

Elementary Science Methods Class



NewTools4Teachers

http://newtools4teachers.wikispaces.com/

flickr from YAHOO!

http://www.flickr.com/

Google docs

- online word processor, spreadsheet and presentation editor
- create, store and share instantly
- collaborate online in real time
- upload existing documents, spreadsheets and presentations
- promote group work and peer editing skills
- publish announcements about upcoming

Google docs

Google for Educators

http://www.google.com/educators/index.html

Self-Study
Faye Hansen

"A World Class Education for the 21st Century Learner"
Caruso Middle School

Background

- Teach tech apps to 6th, 7th, 8th grade students at Caruso Middle School, Deerfield, IL
- 35th year of teaching
- work with 550 students
- All students have tech apps for 9 weeks in all three grades

"Old" Way of Teaching

- Taught Microsoft Office through self-created, simulations with real-world connections
- Basic Concepts
- Teacher directed
- Repetition of projects to review concepts
- Feedback on assessment mid & end of

"New" Way of Teaching

- Increased trust for students to stay on task
- Students are self-directed
- Students plan for productivity
- More choice, freedom, options and independent learning
- More engagement
- Less questions- reduced teacher given instructions
- Increased collaboration
- Greater focus on 21st century skills

New Favorite Tools

SCRATCH imagine • program • share

Wordle

EtherPad

PIC·LITS Inspired Picture Writing

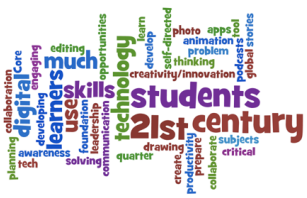
artpad

Wordle

- a toy for generating "word clouds" from text that you provide.
- reflections, poetry in words, word art
- Study author's diction, find key themes.

www.wordle.net

Teacher Created



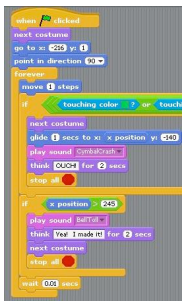
Student Created

SCRATCH

imagine • program • share

- Free programming language for everyone.
- Create interactive stories, games, music and art - and share them online.
- learn important mathematical and computational ideas
- learning to think creatively, reason systematically, and work collaboratively.

http://info.scratch.mit.edu/About_Scratch



Artpad~ Digital Canvas

- artpad.art.com
- Paint and share artwork online
- Add text to drawings
- Virtual gallery

EtherPad

- web-based word processor that allows people to work together in really real-time.
- Peer editing and revision, edit the same document simultaneously
- Shared to-do list, immediate feedback on presentations, classroom brainstorming
- Pair with Skype to record conversation and reach consensus

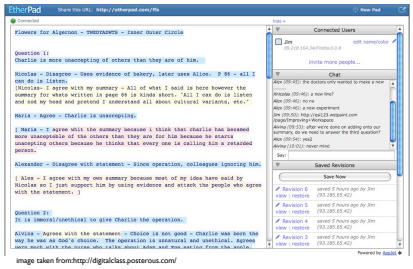
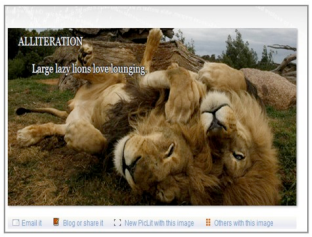


image taken from:http://digitalclass.posterous.com/

PIC·LITS Inspired Picture Writing

- http://piclits.com/compose_dragdrop.aspx
- a creative writing site that matches beautiful images with carefully selected keywords



http://www.web2teachingtools.com/piclits.html

Resources

Content

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Images

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